

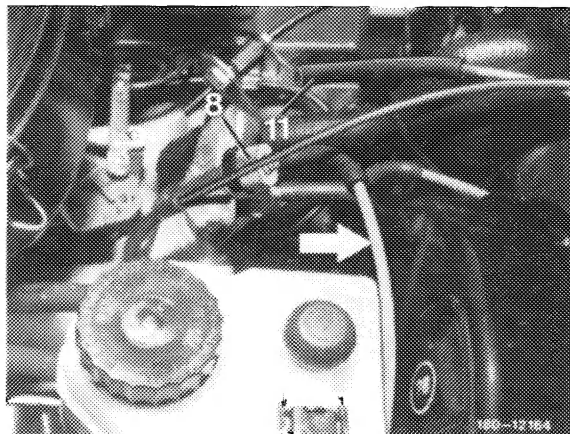
### A. Testing vacuum circuit I

#### Note

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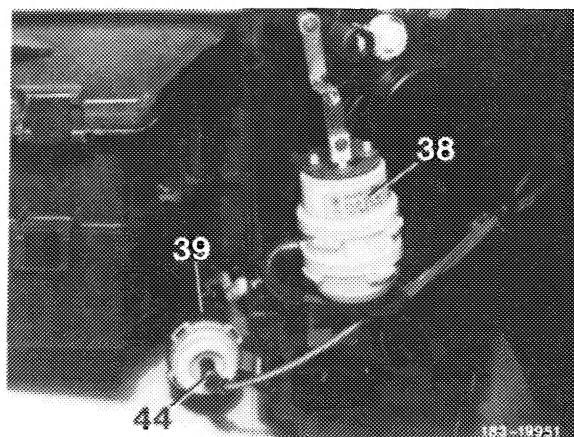
Ignition is not switched on.

- 1 Pull vacuum line yellow-green from check valve (8).
- 2 Connect vacuum line from tester to vacuum line green-yellow, evacuate and read pressure gage readout.
- 3 If gage shows a pressure increase, test switchover valves individually (83-629).



### B. Testing vacuum circuit II with vacuum element (38) for defroster nozzle flaps stage 1

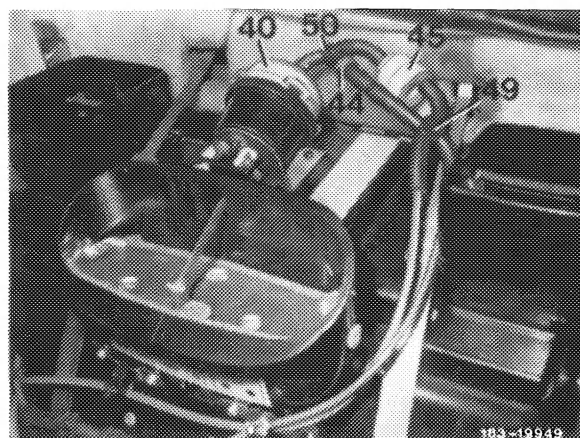
- 1 Remove lefthand cover under instrument panel (68-150).
- 2 Remove optional switch.
- 3 Remove cover for optional switch.
- 4 Pull red-white vacuum line from switchover valve (15) and connect tester.
- 5 Evacuate vacuum circuit II, while paying attention to operation of defroster nozzle flaps. If gage shows pressure increase, replace vacuum element (38) or vacuum line.



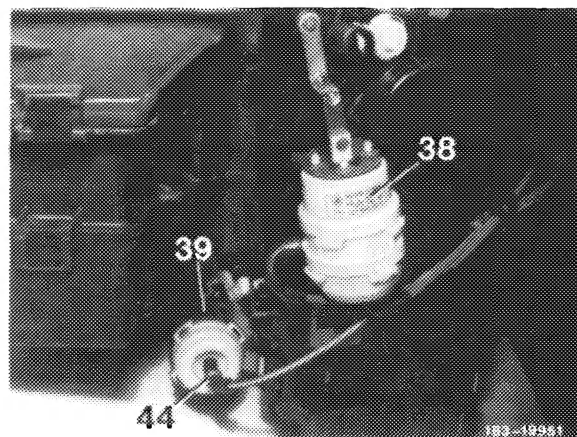
### C. Testing vacuum circuit III, with vacuum element (38) for defroster nozzle flaps stage 2

- 1 Remove glove box (68–140).
- 2 Pull red/light blue vacuum line from distributor (49) and connect tester.
- 3 Evacuate vacuum circuit III. If pressure on pressure gage increases, replace vacuum element (38) or vacuum line.

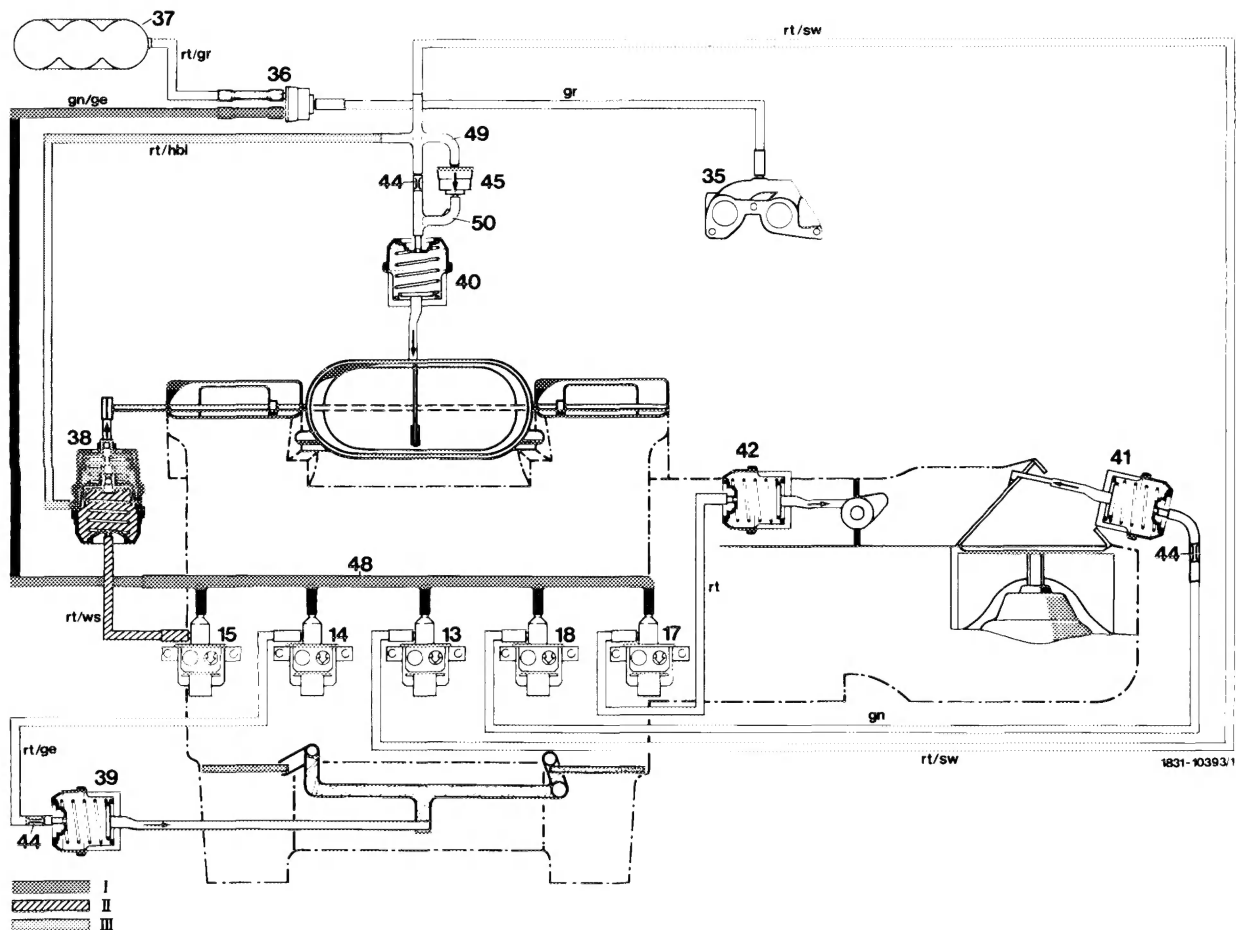
- 40 Vacuum element for center nozzle flap
- 44 Throttle (orifice)
- 45 Check valve
- 49 4-point distributor
- 50 3-point distributor



- 38 2-stage vacuum element for defroster nozzle flaps
- 39 Vacuum element for leg-room flaps
- 44 Throttle (orifice)



- 4 Install lefthand cover under instrument panel (68–150).
- 5 Install cover for optional switch.
- 6 Install optional switch.
- 7 Install glove box.



- 13 Switchover valve for center nozzle flap
- 14 Switchover valve for legroom flaps
- 15 Switchover valve for defroster nozzle flaps
- 17 Switchover valve for main air flap
- 18 Switchover valve for fresh air-recirculating air flap
- 35 Vacuum connection on intake manifold
- 36 Check valve
- 37 Vacuum reservoir
- 38 2-stage vacuum element for defroster nozzle flaps (flaps "closed")
- 39 Vacuum element for legroom flaps (flaps "closed")
- 40 Vacuum element for center nozzle flap (flap "closed")
- 41 Vacuum element for fresh air-recirculating air flap (position "recirculating air")
- 42 Vacuum element for main air flap (flap "closed")
- 44 Throttle (orifice)
- 45 Check valve (arrow = flow direction)
- 48 6-point distributor
- 49 4-point distributor
- 50 3-point distributor